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OM protein - protein search, using sw model

Run on: May 19, 2003, 16:48:18 ; Search time 34.139 Seconds  
(without alignments)  
1056.640 Million cell updates/sec

Title: US-09-625-573-2  
Perfect score: 1970  
Sequence: 1 MLSTSRFRFTNTNESGEV.....GKSKSIGRAPEASLQDKEGA 374

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 362588 seqs, 96450795 residues  
Total number of hits satisfying chosen parameters: 362588

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

- Database : Published Applications AA:\*
- 1: /cgn2\_6/ptodata/2/pubpaa/US08\_NEW\_PUB pep.\*
  - 2: /cgn2\_6/ptodata/2/pubpaa/PCT\_NEW\_PUB pep.\*
  - 3: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB pep.\*
  - 4: /cgn2\_6/ptodata/2/pubpaa/US06\_PUBCOMB pep.\*
  - 5: /cgn2\_6/ptodata/2/pubpaa/US07\_NEW\_PUB pep.\*
  - 6: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB pep.\*
  - 7: /cgn2\_6/ptodata/2/pubpaa/PCTUS\_PUBCOMB pep.\*
  - 8: /cgn2\_6/ptodata/2/pubpaa/US08\_PUBCOMB pep.\*
  - 9: /cgn2\_6/ptodata/2/pubpaa/US09\_NEW\_PUB pep.\*
  - 10: /cgn2\_6/ptodata/2/pubpaa/US09\_PUBCOMB pep.\*
  - 11: /cgn2\_6/ptodata/2/pubpaa/US10\_NEW\_PUB pep.\*
  - 12: /cgn2\_6/ptodata/2/pubpaa/US10\_PUBCOMB pep.\*
  - 13: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB pep.\*
  - 14: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1823	92.5	344	9	US-10-232-686-9
2	1823	92.5	344	10	US-09-779-879A-9
3	1823	92.5	344	10	US-09-779-880A-9
4	1727.5	87.7	329	10	US-09-725-285-9
5	1727.5	87.7	329	10	US-09-193-662A-9
6	1727.5	87.7	329	10	US-09-339-912A-9
7	1727.5	87.7	329	10	US-09-502-783A-9
8	1651.5	83.8	360	10	US-09-131-827A-2
9	1650.5	83.8	360	10	US-09-131-827A-20
10	1645.5	83.5	360	10	US-09-938-719-7
11	1645.5	83.5	360	10	US-09-938-728-7
12	1645.5	83.5	360	10	US-09-938-703-7
13	1589.5	80.7	347	10	US-09-104-792-3
14	1224	62.1	352	9	US-10-232-686-2
15	1224	62.1	352	10	US-09-725-285-2
16	1224	62.1	352	10	US-09-759-841-2
17	1224	62.1	352	10	US-09-779-879A-22
18	1224	62.1	352	10	US-09-779-880A-22
19	1224	62.1	352	10	US-09-813-653-15

20	1224	62.1	352	10	US-09-796-202-1
21	1224	62.1	352	10	US-09-195-662A-2
22	1224	62.1	352	10	US-09-339-912A-2
23	1224	62.1	352	10	US-09-938-719-5
24	1224	62.1	352	10	US-09-939-226-5
25	1224	62.1	352	10	US-09-938-703-5
26	1224	62.1	352	10	US-09-502-783A-2
27	1224	62.1	352	12	US-10-106-623-2
28	1224	62.1	352	12	US-10-106-623-20
29	1218	61.8	352	10	US-09-813-653-17
30	1215	61.7	352	10	US-09-779-879A-2
31	1215	61.7	352	10	US-09-779-880A-2
32	967.5	49.1	355	10	US-09-961-068-1
33	967.5	49.1	355	10	US-09-960-547-1
34	940.5	47.7	355	10	US-09-938-719-9
35	940.5	47.7	355	10	US-09-939-226-9
36	940.5	47.7	355	10	US-09-938-703-9
37	890.5	45.2	355	10	US-09-931-381A-16
38	886.5	45.0	332	9	US-10-001-835-140
39	886.5	45.0	355	9	US-09-922-895-1
40	886.5	45.0	355	12	US-10-106-623-4
41	858.5	43.6	355	10	US-09-938-719-8
42	858.5	43.6	355	10	US-09-939-226-8
43	858.5	43.6	355	10	US-09-938-703-8
44	831.5	42.2	360	9	US-10-120-394-20
45	831.5	42.2	360	9	US-09-764-413-20

ALIGNMENTS

RESULT 1  
US-10-232-686-9  
; Sequence 9, Application US/10232686  
; Publication No. US20030023044A1  
; GENERAL INFORMATION:  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven M.  
; TITLE OF INVENTION: Human G-Protein Chemokine Receptor (CCR5) HDGNR10  
; FILE REFERENCE: 1488 115000N  
; CURRENT APPLICATION NUMBER: US/10/232,686  
; CURRENT FILING DATE: 2002-09-03  
; PRIOR APPLICATION NUMBER: 09/339,912  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/195,662  
; PRIOR FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 08/466,343  
; PRIOR FILING DATE: 1995-06-06  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 9  
; LENGTH: 344  
; TYPE: PRT  
; ORGANISM: Homo Sapiens  
; US-10-232-686-9

Query Match	92.5%	Score 1823;	DB 9;	Length 344;
Best Local Similarity	100.0%;	Pred. No. 1.6e-155;		
Matches 344;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	18	EEVTFEDYDYGAPCHKFDYKQIGAQLLPPLYSLVFTFGVGNMLVLLINCKKLKLT	77	
Db	1	EEVTFEDYDYGAPCHKFDYKQIGAQLLPPLYSLVFTFGVGNMLVLLINCKKLKLT	60	
QY	78	DIYLLNLAISDLFLITLPWAHSAANEVFGNAMCKFLTGLYHIGVFGGFFILLITD	137	
Db	61	DIYLLNLAISDLFLITLPWAHSAANEVFGNAMCKFLTGLYHIGVFGGFFILLITD	120	
QY	138	RYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCKEDSVVYCGPYFPRG	197	
Db	121	RYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCKEDSVVYCGPYFPRG	180	
QY	198	WNNFHTIMRNTLGLVLLIMVICYSGILKTLKCRNEKRRHRAVRVIFTMTVYFLWFT	257	

Db 181 WNNFHTIMRNILGLVPLLLIMVICYSGILKTLRCRNEKRRHRAVRVFTIMIVFLEWT 240  
QY 258 PYNIVILLNTFOEFFGLSNCESTSQLDQATQVETGLMTHCCINPIIYAFVGEKFRSLFH 317  
Db 241 PYNIVILLNTFOEFFGLSNCESTSQLDQATQVETGLMTHCCINPIIYAFVGEKFRSLFH 300  
QY 318 IALGCRAPLOKPCVGGPGVRGKNVKTQGLLDGRGKKSIG 361  
Db 301 IALGCRAPLOKPCVGGPGVRGKNVKTQGLLDGRGKKSIG 344

RESULT 2  
US-09-779-879A-9  
; Sequence 9, Application US/09779879A  
; Patent No. US20020048786A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Roschke, Viktor  
; APPLICANT: Li, Yi  
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGCR10  
; FILE REFERENCE: 1488.115000A  
; CURRENT APPLICATION NUMBER: US/09/779,879A  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,258  
; PRIOR FILING DATE: 2000-02-09  
; PRIOR APPLICATION NUMBER: US 60/187,999  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: US 60/234,336  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 9  
; LENGTH: 344  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-779-879A-9

Query Match 92.5%; Score 1823; DB 10; Length 344;  
Best Local Similarity 100.0%; Pred. No. 1.6e-155;  
Matches 344; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 ECVTFFDYDYGAPCHKFDVKQIGAOQLPLYSILVTFEGVGNMVLVLLINCKKLCIT 77  
Db 1 ECVTFFDYDYGAPCHKFDVKQIGAOQLPLYSILVTFEGVGNMVLVLLINCKKLCIT 60  
QY 78 DIYLLNLAISDLLFLITLPLWAHSAANWVFGNAMCKLFTGLYHIGYFGGIFILLTID 137  
Db 61 DIYLLNLAISDLLFLITLPLWAHSAANWVFGNAMCKLFTGLYHIGYFGGIFILLTID 120  
QY 138 RYLAIVHAVFALKARTVTEGVTSVITLWVAVFASVPGIIFTCQKEDSVYVCGPYPPRG 197  
Db 121 RYLAIVHAVFALKARTVTEGVTSVITLWVAVFASVPGIIFTCQKEDSVYVCGPYPPRG 180  
QY 198 WNNFHTIMRNILGLVPLLLIMVICYSGILKTLRCRNEKRRHRAVRVFTIMIVFLEWT 257  
Db 181 WNNFHTIMRNILGLVPLLLIMVICYSGILKTLRCRNEKRRHRAVRVFTIMIVFLEWT 240  
QY 258 PYNIVILLNTFOEFFGLSNCESTSQLDQATQVETGLMTHCCINPIIYAFVGEKFRSLFH 317  
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QY 318 IALGCRAPLOKPCVGGPGVRGKNVKTQGLLDGRGKKSIG 361  
Db 301 IALGCRAPLOKPCVGGPGVRGKNVKTQGLLDGRGKKSIG 344

RESULT 3  
US-09-779-880A-9  
; Sequence 9, Application US/09779880A  
; Patent No. US20020061834A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Roschke, Viktor  
; APPLICANT: Li, Yi  
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGCR10  
; FILE REFERENCE: 1488.115000A  
; CURRENT APPLICATION NUMBER: US/09/779,880A  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,258  
; PRIOR FILING DATE: 2000-02-09  
; PRIOR APPLICATION NUMBER: US 60/187,999  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: US 60/234,336  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 9  
; LENGTH: 344  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-779-880A-9

; APPLICANT: Rosen, Craig A.  
; APPLICANT: Roschke, Viktor  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGCR10  
; FILE REFERENCE: 1488.115000C  
; CURRENT APPLICATION NUMBER: US/09/779,880A  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,258  
; PRIOR FILING DATE: 2000-02-09  
; PRIOR APPLICATION NUMBER: US 60/187,999  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: US 60/234,336  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 9  
; LENGTH: 344  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-779-880A-9

Query Match 92.5%; Score 1823; DB 10; Length 344;  
Best Local Similarity 100.0%; Pred. No. 1.6e-155;  
Matches 344; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 ECVTFFDYDYGAPCHKFDVKQIGAOQLPLYSILVTFEGVGNMVLVLLINCKKLCIT 77  
Db 1 ECVTFFDYDYGAPCHKFDVKQIGAOQLPLYSILVTFEGVGNMVLVLLINCKKLCIT 60  
QY 78 DIYLLNLAISDLLFLITLPLWAHSAANWVFGNAMCKLFTGLYHIGYFGGIFILLTID 137  
Db 61 DIYLLNLAISDLLFLITLPLWAHSAANWVFGNAMCKLFTGLYHIGYFGGIFILLTID 120  
QY 138 RYLAIVHAVFALKARTVTEGVTSVITLWVAVFASVPGIIFTCQKEDSVYVCGPYPPRG 197  
Db 121 RYLAIVHAVFALKARTVTEGVTSVITLWVAVFASVPGIIFTCQKEDSVYVCGPYPPRG 180  
QY 198 WNNFHTIMRNILGLVPLLLIMVICYSGILKTLRCRNEKRRHRAVRVFTIMIVFLEWT 257  
Db 181 WNNFHTIMRNILGLVPLLLIMVICYSGILKTLRCRNEKRRHRAVRVFTIMIVFLEWT 240  
QY 258 PYNIVILLNTFOEFFGLSNCESTSQLDQATQVETGLMTHCCINPIIYAFVGEKFRSLFH 317  
Db 241 PYNIVILLNTFOEFFGLSNCESTSQLDQATQVETGLMTHCCINPIIYAFVGEKFRSLFH 300  
QY 318 IALGCRAPLOKPCVGGPGVRGKNVKTQGLLDGRGKKSIG 361  
Db 301 IALGCRAPLOKPCVGGPGVRGKNVKTQGLLDGRGKKSIG 344

RESULT 4  
US-09-725-285-9  
; Sequence 9, Application US/09725285  
; Patent No. US20010000241A1  
; GENERAL INFORMATION:  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Antibodies to Human G-Protein Chemokine Receptor (CCR5 Receptor)  
; FILE REFERENCE: 1488.1150003  
; CURRENT APPLICATION NUMBER: US/09/725,285  
; CURRENT FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: 09/339,912  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/195,662  
; PRIOR FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 08/466,343  
; PRIOR FILING DATE: 1995-06-06  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 9  
; LENGTH: 329

; TYPE: PRT  
; ORGANISM: Protein  
US-09-725-285-9

Query Match 87.7%; Score 1727.5; DB 10; Length 329;  
Best Local Similarity 95.6%; Pred. No. 5.3e-147;  
Matches 329; Conservative 0; Mismatches 0; Indels 15; Gaps 1;

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DB 1 EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFFGVGNMVLVLLINCKKLCLT 60  
QY 78 DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTID 137  
DB 61 DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHI----- 105  
QY 138 RYLAIVHAVFALKARTVTFGVVTSVITLWVAVFASVPGIIFTKCKEDSVVYCGPYFPRG 197  
DB 106 RYLAIVHAVFALKARTVTFGVVTSVITLWVAVFASVPGIIFTKCKEDSVVYCGPYFPRG 165  
QY 198 WNNFHTIMRNILGLVPLLMVICYSGILKTLRCRNEKKRHRRAVRVIFTIMIVYFLFWT 257  
DB 166 WNNFHTIMRNILGLVPLLMVICYSGILKTLRCRNEKKRHRRAVRVIFTIMIVYFLFWT 225  
QY 258 PYNIVILLNTFOEFFGLSNCESTSOLDQATQVTTETLGMTHCCINPIIYAFVGEKFRSLFH 317  
DB 226 PYNIVILLNTFOEFFGLSNCESTSOLDQATQVTTETLGMTHCCINPIIYAFVGEKFRSLFH 285  
QY 318 IALGCRITAPLQKPVCGGPGVRPGKNNKVVTTQGLLDGRGKGSIG 361  
DB 286 IALGCRITAPLQKPVCGGPGVRPGKNNKVVTTQGLLDGRGKGSIG 329

## RESULT 5

US-09-195-662A-9  
; Sequence 9, Application US/09195662A  
; Patent No. US20020076745A1

; GENERAL INFORMATION:  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Human G-Protein Chemokine Receptor HDGNR10 (CCR5 Receptor)  
; FILE REFERENCE: 1488.1150002  
; CURRENT APPLICATION NUMBER: US/09/195,662A  
; CURRENT FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 08/466,343  
; PRIOR FILING DATE: 1995-06-06  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 9  
; TYPE: PRT  
; ORGANISM: Protein  
US-09-195-662A-9

Query Match 87.7%; Score 1727.5; DB 10; Length 329;  
Best Local Similarity 95.6%; Pred. No. 5.3e-147;  
Matches 329; Conservative 0; Mismatches 0; Indels 15; Gaps 1;

QY 18 EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFFGVGNMVLVLLINCKKLCLT 77  
DB 1 EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFFGVGNMVLVLLINCKKLCLT 60  
QY 78 DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTID 137  
DB 61 DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHI----- 105  
QY 138 RYLAIVHAVFALKARTVTFGVVTSVITLWVAVFASVPGIIFTKCKEDSVVYCGPYFPRG 197  
DB 106 RYLAIVHAVFALKARTVTFGVVTSVITLWVAVFASVPGIIFTKCKEDSVVYCGPYFPRG 165  
QY 198 WNNFHTIMRNILGLVPLLMVICYSGILKTLRCRNEKKRHRRAVRVIFTIMIVYFLFWT 257  
DB 166 WNNFHTIMRNILGLVPLLMVICYSGILKTLRCRNEKKRHRRAVRVIFTIMIVYFLFWT 225

QY 258 PYNIVILLNTFOEFFGLSNCESTSOLDQATQVTTETLGMTHCCINPIIYAFVGEKFRSLFH 317  
DB 226 PYNIVILLNTFOEFFGLSNCESTSOLDQATQVTTETLGMTHCCINPIIYAFVGEKFRSLFH 285  
QY 318 IALGCRITAPLQKPVCGGPGVRPGKNNKVVTTQGLLDGRGKGSIG 361  
DB 286 IALGCRITAPLQKPVCGGPGVRPGKNNKVVTTQGLLDGRGKGSIG 329

## RESULT 6

US-09-339-912A-9  
; Sequence 9, Application US/09339912A  
; Patent No. US20020099176A1  
; GENERAL INFORMATION:  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.

; TITLE OF INVENTION: Antibodies to Human G-Protein Chemokine Receptor HDGNR10  
; TITLE OF INVENTION: (CCR5 Receptor)  
; FILE REFERENCE: 1488.1150003  
; CURRENT APPLICATION NUMBER: US/09/339,912A  
; CURRENT FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/195,662  
; PRIOR FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 08/466,343  
; PRIOR FILING DATE: 1995-06-06  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 9  
; LENGTH: 329  
; TYPE: PRT  
; ORGANISM: Protein  
US-09-339-912A-9

Query Match 87.7%; Score 1727.5; DB 10; Length 329;  
Best Local Similarity 95.6%; Pred. No. 5.3e-147;  
Matches 329; Conservative 0; Mismatches 0; Indels 15; Gaps 1;

QY 18 EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFFGVGNMVLVLLINCKKLCLT 77  
DB 1 EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFFGVGNMVLVLLINCKKLCLT 60  
QY 78 DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTID 137  
DB 61 DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHI----- 105  
QY 138 RYLAIVHAVFALKARTVTFGVVTSVITLWVAVFASVPGIIFTKCKEDSVVYCGPYFPRG 197  
DB 106 RYLAIVHAVFALKARTVTFGVVTSVITLWVAVFASVPGIIFTKCKEDSVVYCGPYFPRG 165  
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DB 166 WNNFHTIMRNILGLVPLLMVICYSGILKTLRCRNEKKRHRRAVRVIFTIMIVYFLFWT 225  
QY 258 PYNIVILLNTFOEFFGLSNCESTSOLDQATQVTTETLGMTHCCINPIIYAFVGEKFRSLFH 317  
DB 226 PYNIVILLNTFOEFFGLSNCESTSOLDQATQVTTETLGMTHCCINPIIYAFVGEKFRSLFH 285  
QY 318 IALGCRITAPLQKPVCGGPGVRPGKNNKVVTTQGLLDGRGKGSIG 361  
DB 286 IALGCRITAPLQKPVCGGPGVRPGKNNKVVTTQGLLDGRGKGSIG 329

## RESULT 7

US-09-502-783A-9  
; Sequence 9, Application US/09502783A  
; Patent No. US20020132269A1

; GENERAL INFORMATION:  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven M.  
; TITLE OF INVENTION: Polynucleotides Encoding Human G-Protein Chemokine Receptor  
; TITLE OF INVENTION: HDGNR10  
; FILE REFERENCE: 1488.1150006

; CURRENT APPLICATION NUMBER: US/09/502,783A  
; CURRENT FILING DATE: 2001-08-23  
; PRIOR APPLICATION NUMBER: 08/466,343  
; PRIOR FILING DATE: 1995-06-06  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 9  
; LENGTH: 329  
; TYPE: PRT  
; ORGANISM: Protein  
US-09-502-783A-9

Query Match 87.7%; Score 1727.5; DB 10; Length 329;  
Best Local Similarity 95.6%; Pred. No. 5.3e-147;  
Matches 329; Conservative 0; Mismatches 0; Indels 15; Gaps 1;

QY 18 EEVTFEDVDYGAPCHKFDVKQIGAOQLPPLYSLVFIFGFGVGNMLVLLINCKKLCCLT 77  
DB 1 EEVTFEDVDYGAPCHKFDVKQIGAOQLPPLYSLVFIFGFGVGNMLVLLINCKKLCCLT 60  
DB 78 DIYLLNLAIISDLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHI----- 105  
DB 61 DIYLLNLAIISDLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHI----- 105  
QY 138 RYLAIHVAHFALKARTVTEGVTSTWLVAVFASVPGIIFTKCKEDSVVYVCGPYPRG 197  
DB 106 RYLAIHVAHFALKARTVTEGVTSTWLVAVFASVPGIIFTKCKEDSVVYVCGPYPRG 165  
QY 198 WNNFHTIMRNILGLVPLLMIVICYSIGILKTLRCRNEKRRHRAVRVIFTIMIVYELFWT 257  
DB 166 WNNFHTIMRNILGLVPLLMIVICYSIGILKTLRCRNEKRRHRAVRVIFTIMIVYELFWT 225  
QY 258 PYNIVILLNTFOEFFGLSNCESTSQLDQATQVTTGLMTHCCINPIIYAFVGEKRSLEH 317  
DB 226 PYNIVILLNTFOEFFGLSNCESTSQLDQATQVTTGLMTHCCINPIIYAFVGEKRSLEH 285  
QY 318 IALGCRITAPLQKPVCGVGRPKNNKVVTTQGLDGRGKKSIG 361  
DB 286 IALGCRITAPLQKPVCGVGRPKNNKVVTTQGLDGRGKKSIG 329

RESULT 8  
US-09-131-827A-2  
; Sequence 2, Application US/09131827A  
; Patent No. US20020038469A1  
; GENERAL INFORMATION:  
; APPLICANT: Dean, Michael  
; APPLICANT: O'Brien, Stephen J.  
; APPLICANT: Smith, Michael  
; APPLICANT: Carrington, Mary

; TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A  
; FILE REFERENCE: 14014.0333  
; CURRENT APPLICATION NUMBER: US/09/131,827A  
; PRIOR FILING DATE: 1998-08-10  
; PRIOR APPLICATION NUMBER: 60/055,659  
; PRIOR FILING DATE: 1997-08-14  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 2  
; LENGTH: 360  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-131-827A-2

Query Match 83.8%; Score 1651.5; DB 10; Length 360;  
Best Local Similarity 95.5%; Pred. No. 3.8e-140;  
Matches 319; Conservative 3; Mismatches 5; Indels 7; Gaps 3;

QY 1 MLSTSRFRIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAOQLPPLYSLVFIFGVGN 60  
DB 1 MLSTSRFRIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAOQLPPLYSLVFIFGVGN 60

QY 61 MLVVLILINCKKLCCLTDIYLLNLAIISDLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120  
DB 61 MLVVLILINCKKLCCLTDIYLLNLAIISDLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120  
QY 121 HIGYFGGIIFFIILLTIDRYLAIVHAVFALKARTVTEGVTSTWLVAVFASVPGIIFTK 180  
DB 121 HIGYFGGIIFFIILLTIDRYLAIVHAVFALKARTVTEGVTSTWLVAVFASVPGIIFTK 180  
QY 181 COKEDSVYVCGPYPRGWNFNHTIMRNILGLVPLLMIVICYSIGILKTLRCRNEKRRHR 240  
DB 181 COKEDSVYVCGPYPRGWNFNHTIMRNILGLVPLLMIVICYSIGILKTLRCRNEKRRHR 240  
QY 241 AVRVIPTIMIVYELFWTPTYNIVILLNTFOEFFGLSNCESTSQLDQATQVTTGLMTHCCI 300  
DB 241 AVRVIPTIMIVYELFWTPTYNIVILLNTFOEFFGLSNCESTSQLDQATQVTTGLMTHCCI 300  
QY 301 NPITIAFVGEKFR---SLF---HIALG-CRIAPL 327  
DB 301 NPITIAFVGEKFR---SLF---HIALG-CRIAPL 327

## RESULT 9

US-09-131-827A-20  
; Sequence 20, Application US/09131827A  
; Patent No. US20020038469A1  
; GENERAL INFORMATION:

; APPLICANT: Dean, Michael  
; APPLICANT: O'Brien, Stephen J.  
; APPLICANT: Smith, Michael  
; APPLICANT: Carrington, Mary  
; TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A  
; FILE REFERENCE: 14014.0333  
; CURRENT APPLICATION NUMBER: US/09/131,827A  
; CURRENT FILING DATE: 1998-08-10  
; PRIOR FILING DATE: 1997-08-14  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 20  
; LENGTH: 360  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-131-827A-20

Query Match 83.8%; Score 1650.5; DB 10; Length 360;  
Best Local Similarity 95.2%; Pred. No. 4.7e-140;  
Matches 318; Conservative 4; Mismatches 5; Indels 7; Gaps 3;

QY 1 MLSTSRFRIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAOQLPPLYSLVFIFGVGN 60  
DB 1 MLSTSRFRIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAOQLPPLYSLVFIFGVGN 60  
QY 61 MLVVLILINCKKLCCLTDIYLLNLAIISDLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120  
DB 61 MLVVLILINCKKLCCLTDIYLLNLAIISDLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120  
QY 121 HIGYFGGIIFFIILLTIDRYLAIVHAVFALKARTVTEGVTSTWLVAVFASVPGIIFTK 180  
DB 121 HIGYFGGIIFFIILLTIDRYLAIVHAVFALKARTVTEGVTSTWLVAVFASVPGIIFTK 180  
QY 181 COKEDSVYVCGPYPRGWNFNHTIMRNILGLVPLLMIVICYSIGILKTLRCRNEKRRHR 240  
DB 181 COKEDSVYVCGPYPRGWNFNHTIMRNILGLVPLLMIVICYSIGILKTLRCRNEKRRHR 240  
QY 241 AVRVIPTIMIVYELFWTPTYNIVILLNTFOEFFGLSNCESTSQLDQATQVTTGLMTHCCI 300  
DB 241 AVRVIPTIMIVYELFWTPTYNIVILLNTFOEFFGLSNCESTSQLDQATQVTTGLMTHCCI 300  
QY 301 NPITIAFVGEKFR---SLF---HIALG-CRIAPL 327  
DB 301 NPITIAFVGEKFR---SLF---HIALG-CRIAPL 327

## RESULT 10

US-09-938-719-7  
; Sequence 7, Application US/09938719  
; Patent No. US20020106742A1  
; GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL  
PARMENTIER, MARC  
VASSART, GILBERT  
LIBERT, FREDERICK

TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR  
AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR

NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe, Martens, Olson & Bear  
STREET: 620 Newport Center Drive 16th Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/938,719  
FILING DATE: 24-Aug-2001  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/626,939  
FILING DATE: 27-JULY-2000

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E  
REGISTRATION NUMBER: 34,115  
REFERENCE/DOCKET NUMBER: <Unknown>

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 360 amino acids  
TYPE: amino acid  
STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: No. US20020106742A1e

SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-09-938-719-7

Query Match 83.5%; Score 1645.5; DB 10; Length 360;

Best Local Similarity 94.9%; Pred. No. 1.3e-139; Mismatches 6; Indels 7; Gaps 3;

Matches 317; Conservative 4; Mismatches 6; Indels 7; Gaps 3;

QY	1	MLSTSRSRFRINTNESGEEVTFDDYDYGAPCHKFDVKQIGAOQLPPLYSLVFFGFGVGN	60
DB	1	MLSTSRSRFRINTNESGEEVTFDDYDYGAPCHKFDVKQIGAOQLPPLYSLVFFGFGVGN	60
QY	61	MLVVLILINCKKLCLELDIYLLNLAISDLLELITPLMAHSAANEWVFGNAMCKLFTGLY	120
DB	61	MLVVLILINCKKLCLELDIYLLNLAISDLLELITPLMAHSAANEWVFGNAMCKLFTGLY	120
QY	121	HIGYFGGIFILLITIDRYLAIVHAFALKARTVFGVVTSVITWLVAFAVSPGIIFTK	180
DB	121	HIGYFGGIFILLITIDRYLAIVHAFALKARTVFGVVTSVITWLVAFAVSPGIIFTK	180
QY	181	CQEDSVVVCVPYPRGWNNEFTIMRNILGLVLPILLIMVICYSGILKTLRCRNEKKRHR	240
DB	181	CQEDSVVVCVPYPRGWNNEFTIMRNILGLVLPILLIMVICYSGILKTLRCRNEKKRHR	240
QY	241	AVRVFTIMIVYFLFWTPYNIIVLLNTFQEFFGLSNCESTSQLDQATQVTTGLMTHCCI	300
DB	241	AVRVFTIMIVYFLFWTPYNIIVLLNTFQEFFGLSNCESTSQLDQATQVTTGLMTHCCI	300
QY	301	NPPIYAFVGEKFR---SLF---HIALG-CRIAPL 327	
DB	301	NPPIYAFVGEKFRYISVFFRKKHIXXXFKQCPV 334	

## RESULT 11

US-09-939-226-7  
; Sequence 7, Application US/09939226

; Patent No. US20020110805A1

; GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL  
PARMENTIER, MARC  
VASSART, GILBERT  
LIBERT, FREDERICK

TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR  
AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe, Martens, Olson & Bear  
STREET: 620 Newport Center Drive 16th Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/939,226  
FILING DATE: 24-Aug-2001  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/626,939  
FILING DATE: 2000-07-27

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E  
REGISTRATION NUMBER: 34,115  
REFERENCE/DOCKET NUMBER: <Unknown>

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 360 amino acids  
TYPE: amino acid  
STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: No. US20020110805A1e

SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-09-939-226-7

Query Match 83.5%; Score 1645.5; DB 10; Length 360;

Best Local Similarity 94.9%; Pred. No. 1.3e-139; Mismatches 6; Indels 7; Gaps 3;

Matches 317; Conservative 4; Mismatches 6; Indels 7; Gaps 3;

QY	1	MLSTSRSRFRINTNESGEEVTFDDYDYGAPCHKFDVKQIGAOQLPPLYSLVFFGFGVGN	60
DB	1	MLSTSRSRFRINTNESGEEVTFDDYDYGAPCHKFDVKQIGAOQLPPLYSLVFFGFGVGN	60
QY	61	MLVVLILINCKKLCLELDIYLLNLAISDLLELITPLMAHSAANEWVFGNAMCKLFTGLY	120
DB	61	MLVVLILINCKKLCLELDIYLLNLAISDLLELITPLMAHSAANEWVFGNAMCKLFTGLY	120
QY	121	HIGYFGGIFILLITIDRYLAIVHAFALKARTVFGVVTSVITWLVAFAVSPGIIFTK	180
DB	121	HIGYFGGIFILLITIDRYLAIVHAFALKARTVFGVVTSVITWLVAFAVSPGIIFTK	180
QY	181	CQEDSVVVCVPYPRGWNNEFTIMRNILGLVLPILLIMVICYSGILKTLRCRNEKKRHR	240
DB	181	CQEDSVVVCVPYPRGWNNEFTIMRNILGLVLPILLIMVICYSGILKTLRCRNEKKRHR	240
QY	241	AVRVFTIMIVYFLFWTPYNIIVLLNTFQEFFGLSNCESTSQLDQATQVTTGLMTHCCI	300
DB	241	AVRVFTIMIVYFLFWTPYNIIVLLNTFQEFFGLSNCESTSQLDQATQVTTGLMTHCCI	300
QY	301	NPPIYAFVGEKFR---SLF---HIALG-CRIAPL 327	
DB	301	NPPIYAFVGEKFRYISVFFRKKHIXXXFKQCPV 334	

Db 301 NPIIYAFVGEKFRRIYISVFFRKHIXXFXCKQCPV 334

## RESULT 12

US-09-938-703-7

; Sequence 7, Application US/09938703

; Patent No. US20020110870A1

; GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL

PARMENTIER, MARC

VASSART, GILBERT

LIBERT, FREDERICK

TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR  
AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe, Martens, Olson & Bear

STREET: 620 Newport Center Drive 16th Floor

CITY: Newport Beach

STATE: CA

COUNTRY: U.S.A.

ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/938,703

FILING DATE: 24-Aug-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/626,939

FILING DATE: 2000-07-27

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E

REGISTRATION NUMBER: 34,115

REFERENCE/DOCKET NUMBER: <Unknown>

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 360 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: No. US20020110870A1

SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-09-938-703-7

Query Match 83.5%; Score 1645.5; DB 10; Length 360;  
Best Local Similarity 94.9%; Pred. No. 1.3e-139;  
Matches 317; Conservative 4; Mismatches 6; Indels 7; Gaps 3;

QY 1 MLSTSRFRIRNTNSESGETTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFTFGVGN 60

Db 1 MLSTSRFRIRNTNSESGETTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFTFGVGN 60

QY 61 MLVVLINCKKIKCLTDIYLLNLAISDLLFTLPLWAHSAANEVFGNAMCKLFTGLY 120

Db 61 MLVVLINCKKIKCLTDIYLLNLAISDLLFTLPLWAHSAANEVFGNAMCKLFTGLY 120

QY 121 HIGYFGGIEFIILLTDRYLAIVHAFVFKARTVTGVTSTVITLWVAVFASVPGIIFTK 180

Db 121 HIGYFGGIEFIILLTDRYLAIVHAFVFKARTVTGVTSTVITLWVAVFASVPGIIFTK 180

QY 181 COKEDSVYVCGPYFPGWNNFHTIMNIGLVLPPLIMVICYSGILKTLRCRNEKKRRH 240

Db 181 COKEDSVYVCGPYFPGWNNFHTIMNIGLVLPPLIMVICYSGILKTLRCRNEKKRRH 240

QY 241 AVRVTFTIMVYFLEWTPYNIIVLLNTFQEFFGLSNCESTSOLDQATQVETILGMTHCCI 300

Db 241 AVRVTFTIMVYFLEWTPYNIIVLLNTFQEFFGLSNCESTSOLDQATQVETILGMTHCCI 300

QY 301 NPIIYAFVGEKFR---SLF---HIALG-CRIAPL 327

Db 301 NPIIYAFVGEKFRRIYISVFFRKHIXXFXCKQCPV 334

## RESULT 13

US-09-104-792-3

; Sequence 3, Application US/09104792

; Patent No. US20020019026A1

; GENERAL INFORMATION:

APPLICANT: Soppet, Daniel R.

APPLICANT: Yi, Li

APPLICANT: Ruben, Steven M.

APPLICANT: Rosen, Craig A.

TITLE OF INVENTION: HUMAN G-PROTEIN RECEPTOR HGBR32

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI,

STREET: 6 Becker Farm Road

CITY: Roseland

STATE: New Jersey

COUNTRY: USA

ZIP: 07068

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/104,792

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/461,244

FILING DATE: 05-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Ferraro, Gregory D.

REGISTRATION NUMBER: 36,134

REFERENCE/DOCKET NUMBER: 325800-445

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-994-1700

TELEFAX: 201-994-1744

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 347 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-104-792-3

Query Match 80.7%; Score 1589.5; DB 10; Length 347;  
Best Local Similarity 95.3%; Pred. No. 1.3e-134;  
Matches 306; Conservative 3; Mismatches 5; Indels 7; Gaps 3;

QY 14 NESGEVETFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGVGNMLVLLINCKKL 73

Db 1 NESGEVETFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGVGNMLVLLINCKKL 60

QY 74 KCLTDIYLLNLAISDLLFTLPLWAHSAANEVFGNAMCKLFTGLYHIGYFGGIFILL 133

Db 61 KCLTDIYLLNLAISDLLFTLPLWAHSAANEVFGNAMCKLFTGLYHIGYFGGIFILL 120

QY 134 LTIDRYLAIVHAFVFKARTVTGVTSTVITLWVAVFASVPGIIFTKCOKEDSVYVCGPY 193

Db 121 LTIDRYLAIVHAFVFKARTVTGVTSTVITLWVAVFASVPGIIFTKCOKEDSVYVCGPY 180

QY 194 FPRGWNNEHTIMRNIGLVLPPLIMVICYSGILKTLRCRNEKKRHRVAVTITMIVYF 253

Db 181 FPRGWNNEHTIMRNIGLVLPPLIMVICYSGILKTLRCRNEKKRHRVAVTITMIVYF 240

QY 254 LFWTPTYNIIVLLNTFQEFFGLSNCESTSOLDQATQVETILGMTHCCINPIIYAFVGEKFR 313

Db 241 LFWTPYINIVILLNTFOEFGLSNCESTSQLDQATQVTTGLMTHCCINPIIYAFVGEKFR 300  
QY 314 ---SLF---HIALG-CRTAPL 327  
Db 301 RYLSVFFRKHITKRCCKQCPV 321

## RESULT 14

US-10-232-686-2  
; Sequence 2, Application US/10232686  
; Publication No. US20030023044A1  
; GENERAL INFORMATION:  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven M.  
; TITLE OF INVENTION: Human G-Protein Chemokine Receptor (CCR5) HDGNR10  
; FILE REFERENCE: 1488.115000N  
; CURRENT APPLICATION NUMBER: US/10/232,686  
; CURRENT FILING DATE: 2002-09-03  
; PRIOR APPLICATION NUMBER: 09/339,912  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/195,662  
; PRIOR FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 08/466,343  
; PRIOR FILING DATE: 1995-06-06  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2  
; LENGTH: 352  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-232-686-2

Query Match 62.1%; Score 1224; DB 9; Length 352;  
Best Local Similarity 76.3%; Pred. No. 7.2e-102;  
Matches 235; Conservative 27; Mismatches 34; Indels 12; Gaps 3;

QY 24 FDYDY--GAPCHKFDVKQIGAQLLPPLYSLVFIFGFGVGNMVLVILINCKKLKCLTDIYL 81  
Db 10 YDINYTSEPCQKINVKQIAARLLPPLYSLVFIFGFGVGNMVLVILINCKRLKSMTDIYL 69  
QY 82 LNLASDLLFLITPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTIDRYLA 141  
Db 70 LNLASDLFLLTVPFWAHYAAQWDFGNTMCQLLTGLYFIFGFGIFFIILLTIDRYLA 129  
QY 142 IVHAFALKARTVTFGVVTSVITWLVAFASVPGIIFTKCKEDSVYVCGPYPP---RG 197  
Db 130 VVHAFALKARTVTFGVVTSVITWLVAFASVPGIIFTRSQKGLHYTCSHFPYSOYQF 189  
QY 198 WNNFHTIMRNILGLVPLLMVICYSGILKTLRCRNEKRRHRAVRVIFTIMIVYFLFWT 257  
Db 190 WKNFQTLKIVILGLVPLLMVICYSGILKTLRCRNEKRRHRAVRVIFTIMIVYFLFWA 249  
QY 258 PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTTGLMTHCCINPIIYAFVGEKFRSLF- 316  
Db 250 PYNIVLLNTFQEFFGLNCCSSNRDLQAMQVTTGLMTHCCINPIIYAFVGEKFRNYLL 309  
QY 317 -----HIA 319  
Db 310 VFFQKHIA 317

## RESULT 15

US-09-725-285-2  
; Sequence 2, Application US/09725285  
; Patent No. US20010000241A1  
; GENERAL INFORMATION:  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Antibodies to Human G-Protein Chemokine Receptor HDGNR10  
; TITLE OF INVENTION: (CCR5 Receptor)  
; FILE REFERENCE: 1488.1150003  
; CURRENT APPLICATION NUMBER: US/09/725,285  
; CURRENT FILING DATE: 2000-11-29

; PRIOR APPLICATION NUMBER: 09/339,912  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/195,662  
; PRIOR FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 08/466,343  
; PRIOR FILING DATE: 1995-06-06  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2  
; LENGTH: 352  
; TYPE: PRT  
; ORGANISM: Artificial Sequence: Genomic  
; FEATURE:  
; OTHER INFORMATION: Deduced Amino Acid Sequence  
US-09-725-285-2

Query Match 62.1%; Score 1224; DB 10; Length 352;  
Best Local Similarity 76.3%; Pred. No. 7.2e-102;  
Matches 235; Conservative 27; Mismatches 34; Indels 12; Gaps 3;  
QY 24 FDYDY--GAPCHKFDVKQIGAQLLPPLYSLVFIFGFGVGNMVLVILINCKKLKCLTDIYL 81  
Db 10 YDINYTSEPCQKINVKQIAARLLPPLYSLVFIFGFGVGNMVLVILINCKRLKSMTDIYL 69  
QY 82 LNLASDLLFLITPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTIDRYLA 141  
Db 70 LNLASDLFLLTVPFWAHYAAQWDFGNTMCQLLTGLYFIFGFGIFFIILLTIDRYLA 129  
QY 142 IVHAFALKARTVTFGVVTSVITWLVAFASVPGIIFTKCKEDSVYVCGPYPP---RG 197  
Db 130 VVHAFALKARTVTFGVVTSVITWLVAFASVPGIIFTRSQKGLHYTCSHFPYSOYQF 189  
QY 198 WNNFHTIMRNILGLVPLLMVICYSGILKTLRCRNEKRRHRAVRVIFTIMIVYFLFWT 257  
Db 190 WKNFQTLKIVILGLVPLLMVICYSGILKTLRCRNEKRRHRAVRVIFTIMIVYFLFWA 249  
QY 258 PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTTGLMTHCCINPIIYAFVGEKFRSLF- 316  
Db 250 PYNIVLLNTFQEFFGLNCCSSNRDLQAMQVTTGLMTHCCINPIIYAFVGEKFRNYLL 309  
QY 317 -----HIA 319  
Db 310 VFFQKHIA 317

Search completed: May 19, 2003, 17:01:07  
Job time : 36.139 secs

